

Reasons for Allowance

1. After further consideration and review of Applicant's comments/arguments as indicated on page 13 – 14, of his response (01/18/08) and based on current amendments of claims, Examiner is hereby placing claims 1 , and 23 – 44 in condition for allowance.

The following is an Examiner's statement of reasons for allowance.

The prior art of record does not teach or fairly suggest at least:

“... a cache memory storing alternate instructions for at least one instruction stored within the read only memory, each cache line within the cache memory having associated therewith one or more selection flags... the cache control logic comparing selected information associated with an instruction stored at the address in the read only memory with counterpart selected information associated with an instruction stored at the address in the cache memory, wherein the selected information and counterpart selected information are selected based upon the one or more selection flags associated with a cache line corresponding to the address...”, in such a manner as recited in claims 1, 32 and 42 , and as best illustrated by FIG. 2.

Therefore, all remaining claims 1 and 23 – 44 are in condition for allowance.

2. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuck Kendall whose telephone number is 571-272-3698. The examiner can normally be reached on 10:00 am - 6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Dam can be reached on 571-272-3695. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Chuck O Kendall/

Primary Examiner, Art Unit 2192